

What is claimed is:

1. A compound 8 to 50 nucleobases in length targeted to a nucleic acid molecule encoding hematopoietic cell protein tyrosine kinase, wherein said compound specifically hybridizes with said nucleic acid molecule encoding hematopoietic cell protein tyrosine kinase and inhibits the expression of hematopoietic cell protein tyrosine kinase.

2. The compound of claim 1 which is an antisense oligonucleotide.

3. The compound of claim 2 wherein the antisense oligonucleotide has a sequence comprising SEQ ID NO: 13, 17, 18, 19, 20, 22, 31, 32, 33, 34, 35, 36, 37, 39, 40, 42, 47, 51, 53, 57, 58, 60, 63, 66, 67, 68, 69, 70, 73, 74, 79, 84, 86 or 87.

4. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified internucleoside linkage.

5. The compound of claim 4 wherein the modified internucleoside linkage is a phosphorothioate linkage.

6. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified sugar moiety.

7. The compound of claim 6 wherein the modified sugar moiety is a 2'-O-methoxyethyl sugar moiety.

8. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified nucleobase.

9. The compound of claim 8 wherein the modified nucleobase is a 5-methylcytosine.

10. The compound of claim 2 wherein the antisense oligonucleotide is a chimeric oligonucleotide.

11. A compound 8 to 50 nucleobases in length which specifically hybridizes with at least an 8-nucleobase portion of an active site on a nucleic acid molecule encoding hematopoietic cell protein tyrosine kinase.

12. A composition comprising the compound of claim 1

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